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(54) Title: METHODS AND KITS FOR SEQUENCING POLYPEPTIDES

(57) Abstract

The present disclosure provides methods and kits which are useful for sequencing polypeptides. The methods involve derivatization of the N-terminus of the polypeptide or peptides thereof. Mass spectral analysis of one or more of the resulting derivatized analytes provides spectra which are readily interpreted through the use of techniques well-known to the ordinarily skilled artisan. The present disclosure also describes kits which enhance convenient performance of the methods.